


Rutgers, The State University of New Jersey

Institutional Profile Report

Section I

Major Capital Projects



STATUS OF SIGNIFICANT PROJECTS

JUNE 2011

UNIVERSITY FACILITIES & CAPITAL PLANNING

ANTONIO CALCADO
VICE PRESIDENT

JEFF LIVINGSTON
UNIVERSITY ARCHITECT

JOHN SHULACK
SENIOR EXECUTIVE DIRECTOR



University Facilities & Capital Planning

JUNE 2011

SIGNIFICANT PROJECTS

PROJECT OVERVIEW

BUSCH

| | | | |
|---|---|-------------|--------|
| 1 | Center for Integrative Proteomics Research | 47 million | Page 1 |
| 2 | University Housing | 57 million | Page 1 |
| 3 | Nelson Biology Laboratory C-Wing Renovation | 9.6 million | Page 2 |

LIVINGSTON

| | | | |
|---|---------------------------|--------------|--------|
| 4 | Livingston Dining Commons | 30.5 million | Page 2 |
| 5 | University Housing | 215 million | Page 3 |
| 6 | Business School | 85 million | Page 3 |
| 7 | Solar Canopy Project | 40.8 million | Page 4 |

COLLEGE AVENUE

| | | | |
|---|-------------------------|--------------|--------|
| 8 | Gateway Transit Village | 19.6 million | Page 4 |
|---|-------------------------|--------------|--------|

CAMDEN

| | | | |
|----|--|-------------|--------|
| 9 | Early Learning Research Academy (ELRA) | 3.9 million | Page 5 |
| 10 | Camden Student Housing Project | 55 million | Page 5 |

OUTLYING

| | | | |
|----|--|-------------|--------|
| 11 | Atlantic Cape Community College Facility | 7.5 million | Page 6 |
|----|--|-------------|--------|

NEWARK

| | | | |
|----|-------------------------------|-------------|--------|
| 12 | Central Heating Plant Upgrade | 3.7 million | Page 6 |
|----|-------------------------------|-------------|--------|



University Facilities & Capital Planning

JUNE 2011

SIGNIFICANT PROJECTS

COMPLETED PROJECTS

| | | | Month and/or Year Completed |
|------------------------------|--|---------------|--------------------------------|
| BUSCH CAMPUS | | | |
| 1 | Biomedical Engineering Building | 33.5 million | 9/06 |
| 2 | Keck Neuroscience Center | 2.4 million | 9/07 |
| 3 | Wright Rieman Polymer & Protein Wet Lab, Room 371 | 3 million | 9/07 |
| 4 | Stadium Expansion | 102 million | 9/09 |
| 5 | University Visitor Center | 7.54 million | 9/09 |
| 6 | Brown Welcome Pavilion & Football Recruiting Lounge | 4.875 million | 1/10 |
| 7 | Cell DNA Repository | 3.75 million | 9/10 |
| CAMDEN CAMPUS | | | |
| 8 | Camden Dining Hall Renovation | 5.3 million | 9/07 |
| 9 | Camden Law School | 37 million | 3/09 |
| 10 | Camden Recreation Center | 12 million | 9/09 |
| CAPE MAY COUNTY | | | |
| 11 | Multi-Species Aquaculture Demonstration Facility | 7.8 million | 9/06 |
| COLLEGE AVENUE CAMPUS | | | |
| 12 | College of Nursing | 10 million | 3/08 |
| 13 | Student Counseling Center | 5 million | 9/09 |
| 14 | Institute for Health Sciences | 25 million | 9/10 |
| COOK | | | |
| 15 | Endocrine Research Facility | 4.5 million | 3/08 |



University Facilities & Capital Planning

JUNE 2011

SIGNIFICANT PROJECTS

COMPLETED PROJECTS

| | | | Month and/or Year Completed |
|-----------------------------|--|--------------|--------------------------------|
| CUMBERLAND COUNTY | | | |
| 16 | Food Innovation Center | 7.65 million | 6 / 08 |
| DOUGLASS | | | |
| 17 | Douglass Developmental Disabilities Center | 4 million | 10 / 08 |
| LIVINGSTON CAMPUS | | | |
| 18 | Livingston Solar Energy Project | 10 million | 4 / 09 |
| 19 | Livingston Student Center | 18.2 million | 1 / 10 |
| NEWARK CAMPUS | | | |
| 20 | Rutgers Business School | 83 million | 9 / 09 |
| 21 | Life Sciences - Olson Hall | 5.36 million | 9 / 10 |
| UNIVERSITY UTILITIES | | | |
| 22 | High Voltage Substation Upgrade: Phase 1 | 10.5 million | 8 / 09 |
| 23 | Interior Lighting Retrofit Program | 5 million | 11 / 10 |
| 24 | High Temp Hot Water Improvements | 8 million | 2 / 11 |
| CAMPUS WIDE | | | |
| 25 | Classroom Enhancement | 15 million | 2 / 11 |

POSTPONED PROJECTS

| | | |
|---|---------------------------------|------------|
| 1 | College Avenue Greening—Phase 1 | 17 million |
|---|---------------------------------|------------|

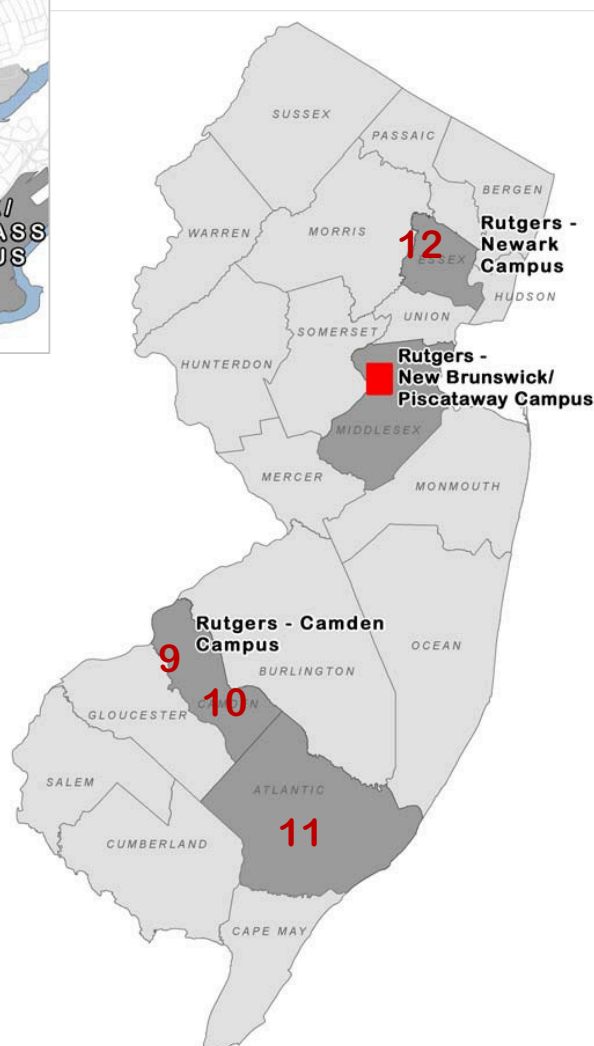


University Facilities & Capital Planning

JUNE 2011

SIGNIFICANT PROJECTS

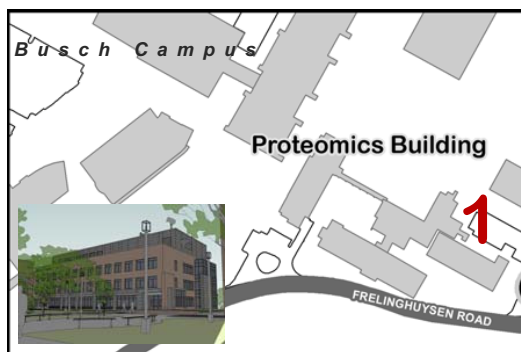
PROJECT LOCATIONS



BUSCH

1 CENTER FOR INTEGRATIVE PROTEOMICS RESEARCH

- Construction of a new facility located on the Busch Campus between EOHSI and CABM which will include a new shared core instrument lab as a resource area for Rutgers and UMDNJ, a Protein Data Bank, and BioMaps (Biology and Mathematics) labs.
- Interior work underway, 80% complete.



DATA

Budget: 47 Million
 Design: August 2006 - July 2009
 Construction: November 2009 - October 2011

KEY DATES

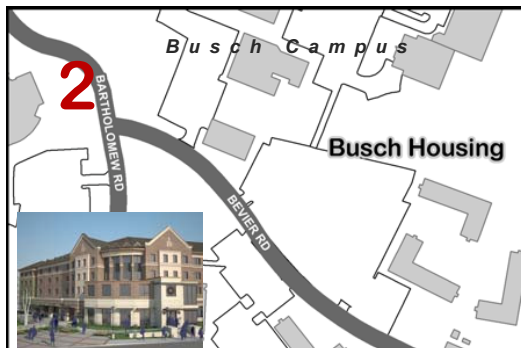
Concept Document: March 2006
 Schematic Design: June 2008
 Bid Award: October 2009

CONSTRUCTION STATUS

Budget: Under original budget by 8M
 Schedule: On Schedule
 Scope: No Change

2 UNIVERSITY HOUSING

- Three new four-story residence halls containing 153,996 square feet, housing 500 students located in Lot 66 on the Busch Campus.
- New name adopted; Busch Engineering Science, & Technology Hall (BEST)
- Features include "junior suite" style living units consisting of two double-occupancy rooms with a shared bathroom for first year science, engineering and pharmacy students.
- Exterior & interior underway, 85% complete.



DATA

Budget: 57 Million
 Design: March 2009 - January 2010
 Construction: April 2010 - August 2011

KEY DATES

Concept Document: March 2009
 Schematic Design: Not Applicable
 Bid Award: March 2010

CONSTRUCTION STATUS

Budget: On Budget
 Schedule: On Schedule
 Scope: No Change

BUSCH

3 NELSON BIOLOGY LABORATORIES C-WING RENOVATION

- ◆ Comprehensive renovation of 12,000 square feet of the 2nd floor of Nelson Biology, located on the Busch Campus.
- ◆ Renovation will allow for Cell and DNA Repository (RUCDR) to consolidate and streamline their operations. Features include specialized laboratories including a robotics lab and office suite as well as replacement of all mechanical systems required to support the specialized analytical instrumentation that will be installed.
- ◆ Design is underway; under final NIH review.



DATA

Budget: 9.6 Million
 Design: March 2010 - March 2011
 Construction: August 2011 - August 2012

KEY DATES

Concept Document: February 2010
 Schematic Design:
 Bid Award:

CONSTRUCTION STATUS

Budget:
 Schedule:
 Scope:

LIVINGSTON

4 LIVINGSTON DINING COMMONS

- ◆ A new 58,000 square foot multistoried dining facility on the Livingston Campus adjacent to the existing Livingston Student Center.
- ◆ Fitout & kitchen equipment & interior underway, 90% complete.



DATA

Budget: 30.5 Million
 Design: November 2006 - November 2009
 Construction: February 2010 - July 2011

KEY DATES

Concept Document: June 2007
 Schematic Design: Not Applicable
 Bid Award: February 2010

CONSTRUCTION STATUS

Budget: Budget increased to 30.5M from 24.7M
 Schedule: On Schedule
 Scope: Increased size & upgraded finishes

LIVINGSTON

5 UNIVERSITY HOUSING

- ◆ Multiple new mid-rise buildings containing 660,000 gross-square feet, housing 1,500 students located on Joyce Kilmer Avenue and Rockefeller Road on the Livingston Campus.
- ◆ Features include “apartment-style” living unit, four bedrooms with single beds, kitchen, two shared bathrooms and common living space. One of the buildings will also include a multi-purpose room. Retail space will occupy first floor levels.
- ◆ Steel and panel erection underway.



6 BUSINESS SCHOOL

- ◆ Construction of a new 125,000 gsf iconic facility at the gateway entrance to the Livingston Campus. The complex will include classrooms, instructional labs, meeting rooms, offices and a trading floor.
- ◆ This facility will accommodate up to 3,200 undergraduates enrolled in the new 4-year business program in New Brunswick as well as graduate students.
- ◆ Design is underway.



DATA

Budget: 215 Million
 Design: March 2009 - June 2010
 Construction: October 2010 - August 2012

KEY DATES

Concept Document: March 2009
 Schematic Design: November 2009
 Bid Award: October 2010

CONSTRUCTION STATUS

Budget: On Budget
 Schedule: On Schedule
 Scope: No Change

DATA

Budget: 85 Million
 Design: June 2010 - July 2011
 Construction: October 2011 - August 2013

KEY DATES

Concept Document: April 2010
 Schematic Design: November 2010
 Bid Award:

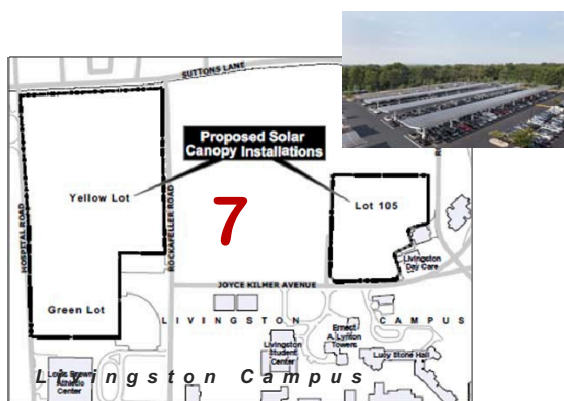
CONSTRUCTION STATUS

Budget:
 Schedule:
 Scope:

LIVINGSTON

7 SOLAR CANOPY PROJECT

- Construction of an eight megawatt solar energy facility on the Livingston Campus which will entail the installation of more than 40,000 high efficiency solar panels on canopy structures over two major surface parking areas.
- Design/Build and Lease/Finance proposal evaluation in progress.



DATA

Budget: 40.8 Million
 Design: Not Applicable
 Construction: July 2011 - August 2012

KEY DATES

Concept Document: April 2011
 Schematic Design: Not Applicable
 Bid Award: Not Applicable

CONSTRUCTION STATUS

Budget: On Budget
 Schedule: On Schedule
 Scope: No Change

COLLEGE AVENUE

8 GATEWAY TRANSIT VILLAGE

- Construction of a new shared facility of which three and one half floors or 60,000 gsf will be occupied by the Rutgers University Bookstore, the University Press and a Visitor Center Welcome Desk.
- Development being performed through Somerset Street Development Corp. (DEVCO)



DATA

Budget: 19.6 Million
 Design: June 2007 - June 2009
 Construction: September 2008 - September 2012

KEY DATES

Concept Document: January 2008
 Schematic Design: Not Applicable
 Bid Award: Not Applicable

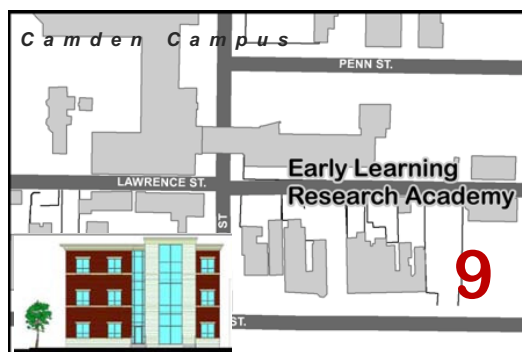
CONSTRUCTION STATUS

Budget: On Budget
 Schedule: On Schedule
 Scope: No Change

CAMDEN

9 EARLY LEARNING RESEARCH ACADEMY (ELRA)

- ◆ Construction of a new multistory 12,688 gsf facility to include infant and toddler care rooms and pre-K level classrooms and play areas for up to 126 children.
- ◆ This facility will have a research unit that will allow faculty and students to apply innovative ideas towards resolving issues confronting young children.
- ◆ Construction underway, 90% complete.



DATA

Budget: 3.9 Million
 Design: Design/Build
 Construction: August 2010 - July 2011

KEY DATES

Concept Document: March 2009
 Schematic Design: Not Applicable
 Bid Award: February 2010

CONSTRUCTION STATUS

Budget: On Budget
 Schedule: On Schedule
 Scope: No Change

10 CAMDEN STUDENT HOUSING PROJECT

- ◆ New 12 story residential tower containing 161,653 gross-square feet, housing 350 students located at the corner of Cooper Street and 4th Street on the Camden Campus.
- ◆ Features include “apartment-style” living units, configured as three and four single occupancy bedrooms, with a full kitchen, two shared bathrooms, washer and dryer and common living space. Retail space will occupy the ground floor.
- ◆ Construction underway, 10% complete.



DATA

Budget: 55 Million
 Design: Not Applicable
 Construction: March 2011— August 2012

KEY DATES

Concept Document: February 2011
 Schematic Design: Not Applicable
 Bid Award: March 2011

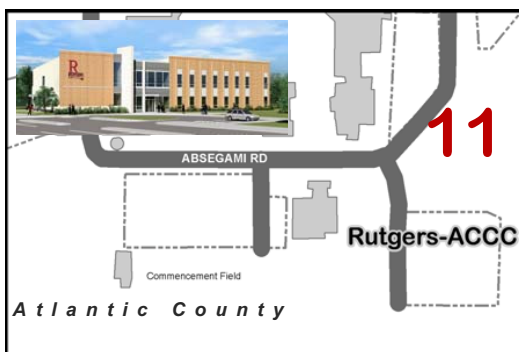
CONSTRUCTION STATUS

Budget: On Budget
 Schedule: On Schedule
 Scope: No Change

ATLANTIC COUNTY

11 ATLANTIC CAPE COMMUNITY COLLEGE FACILITY

- ◆ Construction of a two story 20,000 sq ft facility on the campus of Atlantic Cape Community College to house eight classrooms, a multipurpose room, a computer lab and offices for faculty and staff.
- ◆ The division of Continuing Services will administer programs catering to students residing in this county.
- ◆ Design/Build proposals under review.



Newark Projects Updates are prepared by the
Office of the Chancellor, Newark Campus

DATA

Budget: 7.5 Million
Design: Design/Build
Construction: August 2011— August 2012

KEY DATES

Concept Document: February 2011
Schematic Design: Not Applicable
Bid Award:

CONSTRUCTION STATUS

Budget:
Schedule:
Scope:

NEWARK

12 CENTRAL HEATING PLANT UPGRADE

- ◆ This project was required to meet new emissions standards set by the DEP to lower the NOx levels in the Central Heating Plant's outlet exhaust stack. The project included modifications to the three high temperature hot water generators to accept new low NOx Burners, and to add hot gas recirculation for the exhaust air of each generator. Additionally new electrical switchgear and an emergency generator were added to carry the load of the plant and to add system reliability. *(no map provided)*
- ◆ The project is nearing completion. A final contractor punch list has been created and is being worked off. The required DEP emission testing was completed satisfactorily and submitted to the DEP in early May, 2011 for 5 of the 6 operating conditions. High vibration on #3 generator now requires the university to replace the exhaust stack damper for better air flow control.

DATA

Budget: 3.7 Million
Design: March 2009 - February 2010
Construction: May 2010 - September 2011

KEY DATES

Concept Document: April 2010
Schematic Design: Not Applicable
Bid Award: May 2010

CONSTRUCTION STATUS

Budget: On Budget
Schedule: Final completion delayed until Fall 2011
Scope: Change order work required for completion